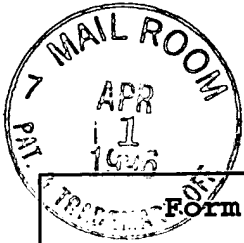


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| Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office | Docket No. ISIS-1169 | Serial No. 08/117,363 |
| | Applicant Cook, et al. | |
| | Filing Date September 3, 1993 | Group 1807 |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----------|-----------------|--|
| SA | AA | Englisch, et al., "Chemically Modified Oligonucleotides as Probes and Inhibitors" <i>Angew. Chem. Int. Ed. Eng.</i> 1991, 30, 613. |
| SA | AB | Manoharan, et al., "Novel Functionalization of the Sugar Moiety of Nucleic Acids for Multiple Labeling in the Minor Groove" <i>Tetrahedron Letters</i> 1991, 32, 7171. |
| SH | AC | Goodchild, "Conjugates of Oligonucleotides and Modified Oligonucleotides: A Review of Their Synthesis and Properties" <i>Bioconjugate Chemistry</i> 1990, 1, 165. |
| SH | AD | Monoharan, et al., "Chemical Modifications to Improve Uptake and Bioavailability of Antisense Oligonucleotides" <i>Database Embase Elsevier Science Publishers</i> 1992 660, 306 (abstract). |
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| EXAMINER | DATE CONSIDERED | |
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| Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office | Docket No. ISIS-1169 | Serial No. 08/117,363 |
| | Applicant Cook, et al. | |
| | Filing Date September 3, 1993 | Group 1807 |

U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|---------------------|----|-----------------|------|------|-------|----------|
| | AA | | | | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
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| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Country | Translation YES NO | |
|---------------------|----|--------------|----------|----------------|-----------------------|--|
| SH | AK | WO 91/14696 | 11/03/91 | PCT/US91/02224 | XX | |
| | AL | | | | | |
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